

Title (en)
METHOD OF FORMING WIND TURBINE ROTOR BLADE ROOT PORTIONS

Title (de)
VERFAHREN ZUR HERSTELLUNG VON ROTORBLATTEILEN EINER WINDENERGIEANLAGE

Title (fr)
PROCÉDÉ DE FABRICATION DE PARTIES DE BASE DE PALES DE ROTOR D'ÉOLIENNE

Publication
EP 3788254 B1 20230809 (EN)

Application
EP 18917402 A 20180504

Priority
US 2018031082 W 20180504

Abstract (en)
[origin: WO2019212561A1] The present disclosure is directed to a method of forming a root portion of a wind turbine rotor blade. A plurality of alignment pins coupled to an alignment plate is aligned with a first set of a plurality of insert cavities defined by a prefabricated panel. Each alignment pin is positioned within one of a first set of a plurality of installation apertures defined by the alignment plate. The prefabricated panel and the alignment plate are coupled such that each alignment pin is positioned within one of the first set of the plurality of insert cavities. A first adhesive is placed in each of the second set of the plurality of insert cavities. A first set of inserts are placed into a second set of the plurality of insert cavities. The first set of inserts and the alignment plate are coupled, and the first adhesive is cured.

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